

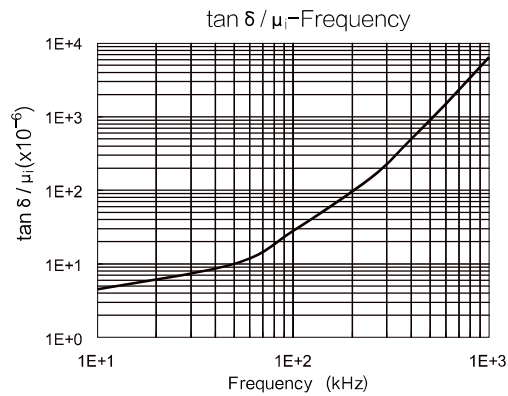
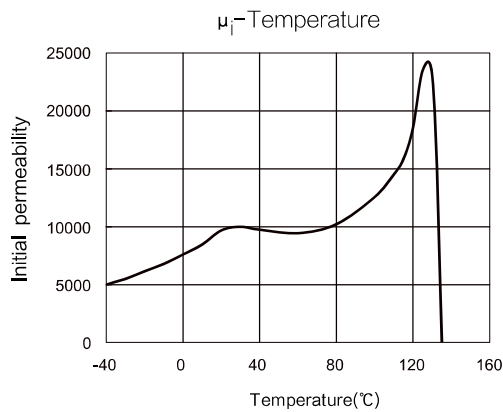
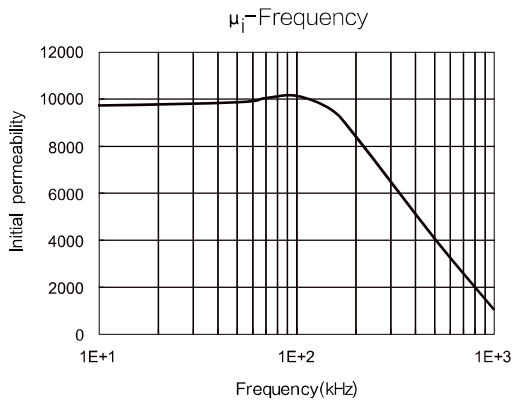
MnZn

Material Characteristic Sheet & Figures

Material:TS10

Features:

1. High Initial Permeability(about 10000)
2. Low Relative Loss Factor
3. The Initial Permeability Vs Frequency Characteristic is Good



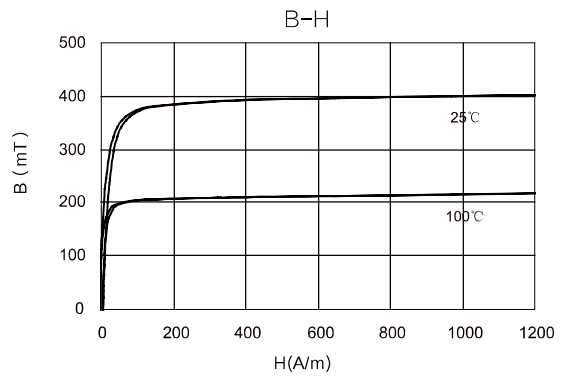
Initial permeability	μ_i	25°C	10000±30%
Saturation magnetic flux density	B_s (mT)	25°C	380
Remanence	B_r (mT)	25°C	120
Coercivity	H_c (A/m)	25°C	6
Relative loss factor 100kHz	$\tan \delta / \mu_i$ ($\times 10^{-6}$)		<30
Relative temperature coefficient	$\alpha_{\mu i r}$ ($\times 10^{-6}/^{\circ}C$)	20°C~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times 10^{-6}$)	1~10min	<2.0
Curie temperature	$T_c(^{\circ}C)$		≥ 125
Electrial resistivity	$\rho(\Omega \cdot m)$		0.2
Density	$d(kg/m^3)$		4.9×10^3

Test core: Toroid(mm)

OD: 18

ID: 8

H: 5



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